

## BROAD RIVER BASIN

02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC

LOCATION.--Lat 32°50'10'', long 81°07'55'', Hampton County, Hydrologic Unit 03050208, near left bank on downstream side of bridge on U.S. Highway 601, 1.6 mi downstream from Black Creek, 2.5 mi southwest of Hampton, and at mile 33.6.

DRAINAGE AREA.--203 mi<sup>2</sup>.

PERIOD OF RECORD.--February 1951 to current year.

GAGE.--Data collection platform. Datum of gage is 50.30 ft above sea level. Prior to Oct. 26, 1954, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharges. Records fair except for those below 100 ft<sup>3</sup>/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.2	.00	32	115	54	84	276	15	.00	.51	52	16
2	5.2	.00	26	97	54	78	231	12	.00	1.8	28	18
3	3.2	.00	21	77	52	83	195	8.6	.00	3.8	15	21
4	1.9	.00	17	66	61	170	177	6.6	.00	16	8.1	21
5	1.0	.00	14	58	72	277	160	5.3	.00	114	4.9	34
6	.30	.00	13	55	78	324	150	3.7	.00	319	2.5	39
7	.00	.00	12	48	78	263	142	2.2	.00	186	1.0	59
8	.00	.00	12	54	70	180	128	1.2	.00	100	.11	43
9	.00	.00	14	57	65	141	115	.55	.00	60	.00	31
10	.00	.00	53	57	62	117	102	.09	.00	39	.00	35
11	.00	.00	63	58	56	102	89	.00	.00	26	.00	53
12	.00	.00	96	61	59	102	79	.00	.00	18	.61	42
13	.00	.00	105	62	68	257	71	.00	.00	15	15	34
14	.00	.00	96	62	75	282	69	.00	.00	15	29	27
15	.00	.00	84	65	80	400	65	.00	.00	12	22	29
16	.00	.00	73	62	74	673	72	.00	.00	9.9	13	28
17	.00	.00	76	58	71	677	71	.00	.00	6.7	11	21
18	.00	.00	66	63	61	515	70	.00	.00	4.3	9.6	14
19	.00	.00	57	59	55	349	61	.00	.00	2.4	68	9.8
20	.00	.00	58	69	50	321	57	.00	.00	1.2	88	7.5
21	.00	.00	51	70	47	504	49	.00	.00	.50	150	6.5
22	.00	.00	50	69	62	594	42	.00	.00	.00	118	5.8
23	.00	.00	45	90	91	476	33	.00	.00	.00	93	6.1
24	.00	.00	38	95	118	361	27	.00	.00	.00	58	13
25	.00	2.7	34	101	129	295	26	.00	.00	.00	35	33
26	.00	30	31	93	121	264	30	.00	.00	.00	19	65
27	.00	36	29	82	103	240	28	.00	.00	.03	11	62
28	.00	42	37	72	90	213	26	.00	.00	3.0	7.2	44
29	.00	42	76	64	---	227	23	.00	.00	23	5.2	34
30	.00	39	97	60	---	276	18	.00	.00	110	4.4	24
31	.00	---	120	58	---	300	---	.00	---	85	6.6	---
TOTAL	18.80	191.70	1596	2157	2056	9145	2682	55.24	0.00	1172.14	875.22	875.7
MEAN	.61	6.39	51.5	69.6	73.4	295	89.4	1.78	.000	37.8	28.2	29.2
MAX	7.2	42	120	115	129	677	276	15	.00	319	150	65
MIN	.00	.00	12	48	47	78	18	.00	.00	.00	.00	5.8
CFSM	.00	.03	.25	.34	.36	1.45	.44	.01	.00	.19	.14	.14
IN.	.00	.04	.29	.40	.38	1.68	.49	.01	.00	.21	.16	.16

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2001, BY WATER YEAR (WY)

MEAN	96.5	87.0	161	269	360	382	239	115	110	101	114	108
MAX	832	467	679	717	1080	1044	595	398	608	744	773	965
(WY)	1965	1986	1998	1998	1998	1980	1973	1954	1973	1975	1991	1969
MIN	.000	.67	16.1	20.7	29.1	32.9	20.4	.84	.000	.000	.032	.000
(WY)	1955	1955	1955	1957	1957	1955	1999	2000	2000	2000	1954	1954

## 02176500 COOSAWHATCHIE RIVER NEAR HAMPTON, SC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1951 - 2001
ANNUAL TOTAL	12200.81	20824.80	
ANNUAL MEAN	33.3	57.1	179
HIGHEST ANNUAL MEAN			395
LOWEST ANNUAL MEAN			35.3
HIGHEST DAILY MEAN	410 Mar 22	677 Mar 17	6590 Sep 2 1969
LOWEST DAILY MEAN	.00 a May 8	.00 b Oct 7	.00 d Aug 31 1951
ANNUAL SEVEN-DAY MINIMUM	.00 May 8	.00 Oct 7	.00 Jun 29 1954
MAXIMUM PEAK FLOW		722 c Mar 16	8160 Sep 2 1969
MAXIMUM PEAK STAGE		4.12 c Mar 16	e 8.39 Sep 2 1969
ANNUAL RUNOFF (CFSM)	.16	.28	.88
ANNUAL RUNOFF (INCHES)	2.24	3.82	11.96
10 PERCENT EXCEEDS	96	128	475
50 PERCENT EXCEEDS	.24	26	72
90 PERCENT EXCEEDS	.00	.00	2.8

a Also occurred many days May, June, July, August, and September.

b Also occurred many days, many months.

c Also occurred Mar. 17.

d Also occurred many days, many years.

e From floodmarks.

